Abstract of the Disclosure

The objective of the invention is an arrangement for the contamination-free processing of molecular-biological reaction sequences, consisting of several reaction vessels (2), open at the top, arranged next to one another and connected to one another, an individual closure element (3) per reaction vessel (2) with a closure section (4) to provide a tight seal of the aperture of the reaction vessel (2) and an actuation section (5) for engaging at the individual closure element (3) and a closure carrier (6) covering all the reaction vessels (2) or groups of reaction vessels (2), each with a socket (7) for the actuation section (5) of each individual closure element (3) for securing the individual closure element (3) to the closure carrier (6), whereby the individual closure elements (3) secured to the closure carrier (6) are capable of being placed with sealing effect together with the closure carrier (6) onto the reaction vessels (2), and can be withdrawn therefrom. In terms of handling technology in the sense of an individual opening capability of the reaction vessels (2), this arranged is improved according to the invention in that the closure sections (4) of the individual closure elements (3) are capable of being inserted through the sockets (7) in the closure carrier (6) in both directions, and that the individual closure elements (3) are secured to the closure carrier (6) in such a way that, with the closure carrier (6) with individual closure elements placed on the reaction vessels (2), each individual closure element (3) is capable of being removed individually from the closure carrier (6) and from the reaction vessel (2).